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JB 10/13/01  
PATENT

Attorney Docket No.: A-64558-1/RFT/RMS/RMK

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re application of:	)	Patent Examiner: S. Houtteman
	)	
KAYYEM et al.	)	Group Art Unit: 1656
	)	
Serial No.: 08/873,597	)	
	)	
Filed: June 12, 1997	)	
	)	
For: Alternating Current Methods	)	
Detection of Nucleic Acids	)	

CERTIFICATE OF MAILING

I hereby certify that this correspondence, including listed enclosures, is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231, Box RCE/Fee on October 9, 2001

Signed: Kathleen M. Smith  
Kathleen M. Smith

**RESPONSE TO OFFICE ACTION**

Assistant Commissioner for Patents  
Washington, D.C. 20231  
Box: RCE/Fee

Sir:

This response is in response to the Final Office Action dated April 10, 2001, and accompanies a Request for Continued Examination. The response is accompanied by a petition for a three month extension of time and the required fee, making this a timely response.

Please amend the above identified application as follows:

In the Claims:

35. An apparatus for the detection of target nucleic acids in a test sample, comprising:
- a) a test chamber comprising an array of electrodes, each electrode comprising a covalently attached single stranded nucleic acid and a passivation agent monolayer; and
  - b) an AC/DC voltage source electrically connected to said test chamber.

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